1	QUINN EMANUEL URQUHART & SULLIVAN, LLP		
	Diane M. Doolittle (CA Bar No. 142046)	Andrew H. Schapiro (admitted pro hac vice)	
2	dianedoolittle@quinnemanuel.com	andrewschapiro@quinnemanuel.com	
3	Sara Jenkins (CA Bar No. 230097)	Teuta Fani (admitted pro hac vice)	
	sarajenkins@quinnemanuel.com	teutafani@quinnemanuel.com	
4	555 Twin Dolphin Drive, 5th Floor	191 N. Wacker Drive, Suite 2700	
5	Redwood Shores, CA 94065 Telephone: (650) 801-5000	Chicago, IL 60606 Telephone: (312) 705-7400	
	Facsimile: (650) 801-5100	Facsimile: (312) 705-7401	
6	1 acsimile. (030) 601-3100	1 acsimile. (312) 703-7401	
7	Stephen A. Broome (CA Bar No. 314605)	Josef Ansorge (admitted pro hac vice)	
8	stephenbroome@quinnemanuel.com Viola Trebicka (CA Bar No. 269526)	josefansorge@quinnemanuel.com Xi ("Tracy") Gao (CA Bar No. 326266)	
0	viola ricoleka (CA Bar No. 207320) violatrebicka@quinnemanuel.com	tracygao@quinnemanuel.com	
9	Crystal Nix-Hines (Bar No. 326971)	Carl Spilly (admitted pro hac vice)	
10	crystalnixhines@quinnemanuel.com	carlspilly@quinnemanuel.com 1300 I Street NW, Suite 900	
10	Alyssa G. Olson (CA Bar No. 305705)	Washington D.C., 20005	
11	alyolson@quinnemanuel.com	Telephone: (202) 538-8000	
	865 S. Figueroa Street, 10th Floor	Facsimile: (202) 538-8100	
12	Los Angeles, CA 90017		
13	Telephone: (213) 443-3000		
	Facsimile: (213) 443-3100		
14	I	L A T (CA D N 2054(0)	
15	Jomaire Crawford (admitted pro hac vice)	Jonathan Tse (CA Bar No. 305468) jonathantse@quinnemanuel.com	
13	jomairecrawford@quinnemanuel.com 51 Madison Avenue, 22nd Floor	50 California Street, 22nd Floor	
16	New York, NY 10010	San Francisco, CA 94111	
	Telephone: (212) 849-7000	Telephone: (415) 875-6600	
17	Facsimile: (212) 849-7100	Facsimile: (415) 875-6700	
18	(==) • • • • • • • • • • • • • • • • • •		
	Attorneys for Defendant Google LLC		
19	LINUTED CTATEC	DIGEDICE COLIDE	
20	UNITED STATES DISTRICT COURT		
	NORTHERN DISTRICT OF CALIFORNIA, OAKLAND DIVISION		
21	CHACOM DROWNI WHILLIAM DWATT	C N- 4.20 02((4 VCD CVV	
22	CHASOM BROWN, WILLIAM BYATT, JEREMY DAVIS, CHRISTOPHER	Case No. 4:20-cv-03664-YGR-SVK	
	CASTILLO, and MONIQUE TRUJILLO,	GOOGLE LLC'S SUPPLEMENT TO	
23	individually and on behalf of all similarly	ADMINISTRATIVE MOTION	
24	situated,	UPDATING THE COURT ON ITS PRESERVATION IMPLEMENTATION	
2 4	,	EFFORTS AND SEEKING RELIEF	
25	Plaintiffs,	FROM THE JULY 30 DEADLINE	
	v.	IMPOSED BY THE JULY 15, 2022	
26		PRESERVATION ORDER (DKT. 630)	
27	GOOGLE LLC,	Judge: Hon. Susan van Keulen	
	Defendant.		
28		1	

In response to the Court's Order following July 28, 2022 Status Conference in *Calhoun v*. *Google* (Case No. 4:20-cv-05146-YGR, Dkt. 789), Google hereby provides anticipated dates of completion for items identified in its administrative motion as "in progress" or for which it has requested additional time.

The engineering and resources required to implement aspects of the Court's preservation order (Dkt. 630) are unprecedented for Google. The Order requires numerous subject matter experts to re-engineer Google systems and processes, and in some cases to create new systems and processes. As these experts have worked diligently towards meeting the Court's deadline, new challenges have arisen on an almost daily basis, requiring more meetings, creative thinking, and consultation with counsel to ensure the solutions ultimately arrived at satisfy the Court's objective.

The problem is not merely one of manpower or server space—though those are issues as well. Implementing certain aspects of the Court's Order requires unique skills, experience, and knowledge of particular data sources that are in limited supply, even at a company the size of Google. Indeed, to date, 17 Google subject matter experts have been working to design, scope, and implement the pipelines necessary to meet the order (Dkt. 630). In addition to resources, Google needs time.

Google acknowledges the Court's admonition that it "will not grant open-ended extensions or any extension in excess of 30 days." (4:20-cv-05146-YGR, Dkt. 789 at 2. And Google will continue to work expeditiously to complete all remaining tasks as quickly as possible. But based on the complexity of the tasks and progress to date, completion of all tasks in 30 days simply is not possible.

The current status of the preservation projects in progress are set forth below. Upon the Court's request, Google is willing to provide more detailed explanations as to each task or answer specific questions of the Court.

1	Data Source	Responsible Team	Anticipated Date of Completion
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17		1	
18	DATED: July 29, 2022	OUINN E	MANUEL URQUHART &
19		SULLIVA	
20			Andrew H. Schapiro rew H. Schapiro (admitted pro hac vice)
21		andro	ewschapiro@quinnemanuel.com
22		teuta	a Fani (admitted <i>pro hac vice</i>) fani@quinnemanuel.com
23		191 1	N. Wacker Drive, Suite 2700

Chicago, IL 60606 Telephone: (312) 705-7400 Facsimile: (312) 705-7401

Stephen A. Broome (CA Bar No. 314605)

24

25

26

27

28

¹ See Dkt. 587 at 7; Dkt. 587-1, Index ## 2-42, 52-56, 59, 60. ² See Dkt. 587-1, Index # 47, 48, 49. ³ See Dkt. 587-1, Index ## 43, 45.

1	stephenbroome@quinnemanuel.com
2	Viola Trebicka (CA Bar No. 269526)
2	violatrebicka@quinnemanuel.com
3	Crystal Nix-Hines (Bar No. 326971)
4	crystalnixhines@quinnemanuel.com
	Alyssa G. Olson (CA Bar No. 305705)
5	alyolson@quinnemanuel.com
6	865 S. Figueroa Street, 10th Floor
٦	Los Angeles, CA 90017
7	Telephone: (213) 443-3000
8	Facsimile: (213) 443-3100
9	Diane M. Doolittle (CA Bar No. 142046)
	dianedoolittle@quinnemanuel.com
10	Sara Jenkins (CA Bar No. 230097)
11	sarajenkins@quinnemanuel.com
12	555 Twin Dolphin Drive, 5th Floor
12	Redwood Shores, CA 94065
13	Telephone: (650) 801-5000
14	Facsimile: (650) 801-5100
	Josef Ansorge (admitted pro hac vice)
15	josefansorge@quinnemanuel.com
16	Xi ("Tracy") Gao (CA Bar No. 326266)
17	tracygao@quinnemanuel.com
1 /	Carl Spilly (admitted <i>pro hac vice</i>)
18	carlspilly@quinnemanuel.com 1300 I. Street, N.W., Suite 900
19	Washington, D.C. 20005
	Telephone: 202-538-8000
20	Facsimile: 202-538-8100
21	Jomaire A. Crawford (admitted <i>pro hac vice</i>)
22	jomairecrawford@quinnemanuel.com
	51 Madison Avenue, 22nd Floor New York, NY 10010
23	Telephone: (212) 849-7000
24	Facsimile: (212) 849-7100
	Jonathan Tse (CA Bar No. 305468)
25	jonathantse@quinnemanuel.com
26	50 California Street, 22nd Floor
27	San Francisco, CA 94111
	Telephone: (415) 875-6600
28	Facsimile: (415) 875-6700
	3 Case No. 4:20-cv-03664-YGR-SVK
	CLIDDLEMENT A DMINIMOTION FOR DELIEF EDOM HILLY 15, 2022 ODDED

Case 4:20-cv-03664-YGR Document 645-4 Filed 07/29/22 Page 5 of 5 Attornevs for Defendant Google LLC Case No. 4:20-cv-03664-YGR-SVK SUPPLEMENT ADMIN MOTION FOR RELIEF FROM JULY 15, 2022 ORDER